

108.2 - Metal Constituents in Fossil Fuels (liquid forms)

These materials are intended for analysis of metal trace elements in fuel oil and reference fuels. [Also see Category 114.] SRM 1634c is a "No. 6" fuel oil in terms of viscosity but has a flash point of 43 °C.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1634c	8505
Description	Trace Elements in Fuel Oil	Vanadium in Crude Oil
Unit of Issue	(100 mL)	(250 mL)
Elemental Composition (concentrations are in mass fractions, in mg/kg, unless noted as %)		
Arsenic (As)	<i>0.1426</i>	
Cobalt (Co)	0.1510	
Nickel (Ni)	17.54	
Selenium (Se)	<i>0.1020</i>	
Sulfur (S)	(2 %)	
Vanadium (V)	28.19	390

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only